

Title (en)

Phthalocyanine compounds and use thereof in inks for ink jet printing, methods for generating patterns

Title (de)

Phthalocyanin-Verbindungen und deren Verwendung als Tinte im Tintenstrahldruck, und Verfahren zur Erzeugung von Mustern

Title (fr)

Composé phthalocyanine et son utilisation comme encre pour l'impression à jet d'encre, procédé pour l'obtention de motifs

Publication

EP 1688417 A3 20080521 (EN)

Application

EP 05025028 A 20030307

Priority

- EP 03005141 A 20030307
- JP 2002063700 A 20020308
- JP 2003047459 A 20030225

Abstract (en)

[origin: EP1688417A2] Provided is a solubility-controllable compound being soluble in a solvent due to a solvent-philic group thereof, of which solubility in the solvent is irreversibly lowered when the group is removed by retro-Diels-Alder reaction.

IPC 8 full level

B41J 2/01 (2006.01); **C07D 487/22** (2006.01); **B41M 5/00** (2006.01); **C07D 209/00** (2006.01); **C07D 259/00** (2006.01); **C09B 47/00** (2006.01); **C09B 47/04** (2006.01); **C09D 11/00** (2014.01); **C09D 11/322** (2014.01); **C09D 11/328** (2014.01)

CPC (source: EP US)

C07D 487/22 (2013.01 - EP US); **C09B 47/00** (2013.01 - EP US); **C09B 47/04** (2013.01 - EP US); **C09D 11/30** (2013.01 - EP US); **C09D 11/328** (2013.01 - EP US); **C09D 11/38** (2013.01 - EP US); **C09D 11/54** (2013.01 - EP US); **H10K 71/15** (2023.02 - EP US); **H10K 85/30** (2023.02 - EP US); **H10K 85/311** (2023.02 - EP US)

Citation (search report)

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DOCDB simple family (application)

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